

**State of California
AIR RESOURCES BOARD**

Research Screening Committee

**Cal/EPA Headquarters Building
1001 I Street
Conference Room 510
Sacramento, California 95814
(916) 445-0753**

**December 16, 2010
9:00 a.m.**

ACTION

Contract Augmentation

1. "Are there any Counteracting Effects that Reduce the Global Warming Benefits Attributed to Diesel and other Black Carbon Controls," University of California, San Diego, \$11,432, Augmentation to Contract No. 09-337, Proposal No. 2704-269
- Deferred to a future RSC meeting.

Interagency Agreements

2. "Location Specific Systemic Health Effects of Ambient Particulate Matter," University of California, Davis, \$285,866, Proposal No. 2706-269
- Approved
3. "Persistent Immune Effects of Wildfire PM Exposure During Childhood Development," University of California, Davis, \$268,029, Proposal No. 2715-269
- Approved
4. "Air Movement as an Energy Efficient Means Toward Occupant Comfort," University of California, Berkeley, \$170,000, Proposal No. 2705-269
- Approved
5. "Extended Analysis of the CARES Aerosol Chemistry Data to Characterize Sources and Processes of Organic Aerosol in the Sacramento Valley of California," University of California, Davis, \$155,000, Proposal No. 2712-269
- Approved

6. "Understanding Primary Organic Aerosol Volatility at Atmospherically Realistic Concentrations for SIP Analysis," University of California, Davis, \$309,769, Proposal No. 2708-269
-- Approved
7. "Probing the Intrinsic Ability of Particles to Generate Reactive Oxygen Species and the Effect of Physiologically Relevant Solutes," University of California, Los Angeles, \$301,039, Proposal No. 2711-269
-- Approved
8. "Development of a Portable In-Use Reference PM Measurement System," University of California, Riverside, \$300,000, Proposal No. 2709-269
-- Approved
9. "Construction of a DOAS Instrument for Installation at ARB for the Low Level Measurement of SO₂ to Investigate the Relation Between SO₂ and Sulfate," University of California, Riverside, \$90,004, Proposal No. 2710-269
-- Approved
10. "Behavioral Responses to Real-time Individual Energy Usage Information: A Large Scale Experiment," University of California, Los Angeles, \$330,000, Proposal No. 2714-269
-- Approved
11. "Using Feedback from Commercial Buildings to Support Energy Conserving Behavior at Work and Beyond," University of California, Berkeley, \$184,260, Proposal No. 2713-269
-- Approved

Standard Agreements

12. "Calibrating, Validating, and Implementing Process Models for California's Agriculture Greenhouse Gas Emissions," University of New Hampshire, \$249,688, Proposal No. 2707-269
-- Approved
13. "Synthesis of Policy Relevant Findings from the CalNex 2010 Field Study," National Oceanic and Atmospheric Administration, \$252,378, Proposal No. 2716-269
-- Approved

Other Business

14. Update to "Economic Value of Reducing Cardiovascular Disease Morbidity," San Diego State University, \$392,036, Contract No. 07-301

-- Staff provided an update to the Committee.

15. Update to "Integrated Physical, Chemical, and Optical Measurements of Heavy-Duty Diesel Emissions at NASA AMES Full Scale Wind Tunnels," University of California, Davis, \$419,917, Contract No. 08-322

-- Staff provided an update to the Committee.